



**Figure 3-16.** Days on which bacterial events occur (vertical bars: blue=type 1, magenta=type 2, gray= types 1 and 2, gold=type 3) are shown together with cruise days, during which round-the-clock surfzone bacterial sampling was done (row 1:  $\blacksquare$ ); characterization of that day's wave spectra (row 2:  $\bullet$  westerly wind waves,  $\bullet$  southerly swell,  $\bullet$  westerly wind waves + southerly swell,  $\bullet$  short period southerly waves + southerly swell, no dot = no measurable waves); occurrence of cold water nearshore (row 3:  $\blacklozenge$   $12^{\circ}\text{C}$  inshore of 30m,  $\blacklozenge$  HB01 temperature < maximum plume temperature,  $\blacklozenge$  both); and occurrence of reduced stratification (row 4:  $\blacksquare$  HB03 mixed,  $\blacksquare$  reduced stratification at HB01-HB05). Black dots in row 5 indicate whether bacterial samples were taken that day. The day's higher high water as measured at Los Angeles is shown at the bottom.